NATIONAL GUARD BUREAU



111 SOUTH GEORGE MASON DRIVE ARLINGTON VA 22204-1373

Office of Information and Privacy

OCT 0 3 2019

Jasper Craven
DEPT MR 49645
411A Highland Ave.
Somerville, MA 02144-2516
49645-90771715@requests.muckrock.com

Dear Requester:

This letter is final response to your Freedom of Information Act (FOIA) request to United States Air Force dated February 27, 2018 for all of the Air Force's 2017 base inspection reports located at the 158th Fighter Wing Vermont Air National Guard for the Burlington International Airport. Your request was referred to the Air National Guard by the United States Air Force on April 24, 2018 and assigned case #2018-01734-F.

A search by Vermont Air National Guard revealed 16 pages responsive to your request. Your request is granted in full. Enclosed are 16 pages responsive to your request.

If you are not satisfied with this response you have the right to appeal to the Secretary of the Air Force within 90 days through this office, by writing to the Office of Information and Privacy (NGB/JA-OIP), 111 South George Mason Drive, AH2 Suite 319B, Arlington, VA 22204-1373, or by e-mail, NGB 101 (Capathard). Your appeal must be postmarked or electronically transmitted within 90 days of the date of this response. Your appeal should include copies of your original request and this response, as well as a discussion of the reasons supporting your appeal.

For any further assistance and to discuss any aspect of your request, you have the right to contact the Air Force FOIA Public Liaison Officer, Ms. Anh Trinh by mail at (SAF/CIO A6XA), 1800 Air Force Pentagon, Washington, DC 20330-1800, by e-mail at usafapearagen safage requires all folias mans ail or by phone at (703) 614-8500.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration (NARA) to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: NARA-OGIS, 8601 Adelphi Road-OGIS, College Park, MD 20740-6001, e-mail at a grant data ; telephone at (202) 741-5770; toll free at (877) 684-6448 or by facsimile at (202) 741-5769.

This concludes the processing of your request. If you have any questions regarding this request, please contact my office at (844) 573-2939 or by e-mail: NGBA OLAG madamit.

Sincerely,

Jennifer Nikolaisen

Chief, Office of Information and Privacy Freedom of Information Act/Privacy Officer National Guard Bureau

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Sacramento 880 Riverside Parkway West Sacramento, CA 95605 Tel: (916)373-5600

Client Project/Site: VTANG Belter Farm Revision: 1

ATC Group Services LLC 1 Elm Street, Suite 3 Waterbury, Vermont 05676

Attn: Mr. Joseph Hayes

Jui Keumann

Authorized for release by: 9/5/2017 11:52:59 AM

Jill Kellmann, Manager of Project Management (916)374-4402

5 4 Jan

Links

Review your project results through

Total Access

Have a Question?

Ask
The
Expert

Visit us at:

www.testamericainsonsine

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory. Record #25 8-01734-F

Page 1 of 16

ational Guard

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

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Definitions/Glossary

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

TestAmerica Job ID: 320-30423-1

Qualifiers

1,063

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| В | Compound was found in the blank and sample. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| п | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Case Narrative

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm TestAmerica Job ID: 320-30423-1

JOB 10: 320-30423-1

Established Traditions of a second

Narrative

Receipt

The samples were received on 8/4/2017 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

LCMS

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit for 13C5 PFNA: (460-138477-D-12-A MS). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 320-178144.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

TestAmerica Job ID: 320-30423-1

Client Sample iD: Belter Tap

Lab Sample 10, 320-30423-1

| Analyte | Result (| Qualifier | RL. | MDL | Unit | Dil Fac | Method | Prep Type |
|---|----------|-----------|-----|------|------|---------|----------------|-----------|
| Perfluoroheptanoic acid (PFHpA) | 8.7 | | 1.7 | 0.69 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorooctanoic acid (PFOA) | 23 E | В | 1.7 | 0.64 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorononanoic acid (PFNA) | 0.66 | _ J | 1.7 | 0.56 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorobutanesulfonic acid (PFBS) - | 24 | - | 1.6 | 0.73 | ng/L | 1 | 537 (modified) | Total/NA |
| RE Perfluorohexanesulfonic acid (PFHxS) | 160 | | 1.6 | 0.70 | ng/L | 1 | 537 (modified) | Total/NA |
| - RE Perfluorooctanesulfonic acid (PFOS) - | 110 | | 1.6 | 1.0 | ng/L | 1 | 537 (modified) | Total/NA |
| RE | | | | | | | | |



Client Sample ID: DUP

Lab Sample ID: 320-30423-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac D | Method | Prep Type |
|---|--------|-----------|-----|------|------|-----------|----------------|-----------|
| Perfluoroheptanoic acid (PFHpA) | 8.7 | | 1.6 | 0.64 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorooctanoic acid (PFOA) | 24 | В | 1.6 | 0.60 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorononanoic acid (PFNA) | 0.71 | J | 16 | 0.52 | ng/L | 1 | 537 (modified) | Total/NA |
| Perfluorobutanesulfonic acid (PFBS) - | 24 | | 1.6 | 0.75 | ng/L | 1 | 537 (modified) | Total/NA |
| RE Perfluorohexanesulfonic acid (PFHxS) | 170 | | 1.6 | 0.71 | ng/L | 1 | 537 (modified) | Total/NA |
| - RE Perfluorooctanesulfonic acid (PFOS) - RE | 110 | | 1.6 | 1.0 | ng/L | 1 | 537 (modified) | Total/NA |

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

Lab Sample ID: 320-30423-1

TestAmerica Job ID: 320-30423-1

Matrix: Water

Client Sample ID: Belter Tap Date Collected: 68/93/17 09.56 Date Received: 08/04/17 09.40

| fashod: 537 (medified) - Feif | | lydrocarbo Qualifier |) P.S. RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-----------------|-------------------------|-------------------------------|--------------|----------------------|---|----------------|---|--------------------|
| Analyte | F 7 | Quantier | 1.7 | 0.69 | | | 08/07/17 14:29 | 08/10/17 05:40 | 1 |
| Perfluorohoptano - acid (PF -pA) - Perfluoroontano casta (PFCo) - | 12/ | ins | 1.7 | 0.64 | • | | 08/07/17 14:29 | 08/10/17 05:40 | 1 |
| Pertinorononanion and (PE) V | 0.70 | | 1.7 | 0.56 | ng/L | | 08/07/17 14:29 | 08/10/17 05:40 | 1 |
| Isotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 13C4-PFHpA | 77 | | 25 ₋ 150 | | | | 08/07/17 14.29 | 08/10/17 05.40 | 1 |
| 13C4 PFOA | 67 | | 25 - 150 | | | | 08/07/17 14:29 | 08/10/17 05:40 | 1 |
| 13C5 PFNA | 36 | | 25 - 150 | | | | 08/07/17 14 29 | 08/10/17 05:40 | 1 |
| 13C3-PFBS | 95 | | 25 - 150 | | | | 08/07/17 14:29 | 08/10/17 05.40 | 1 |
| Method: 537 (glassified) - Pert Analyte Pertinorollinguines disconsisted (PFBS) Perfluorollinkanes (tonical list (PFHkS) Perfluoroclandes (analysis) | | Qualifier | 2015 - RE RL 1.6 1.6 | 0.73 0.70 | Unit ng/L ng/L | D | 08/10/17 15:32 | Analyzed 08/15/17 13:50 08/15/17 13:50 08/15/17 13:50 | Dil Fac 1 1 |
| (°F.05) | 9/ Bacayani | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| Isotope Dilution | %Recovery 88 | | 25 - 150 | | | | 08/10/17 15:32 | • | 1 |
| 1802 PFHxS | 88 | | 25 - 150 25 - 150 | | | | | 08/15/17 13:50 | 1 |
| 13C4 PFOS 13C3-PFBS | 78 | | 25 - 150 25 - 150 | | | | | 08/15/17 13:50 | 1 |

Client Sample ID: DUP

Date Collected: 08/03/17 09:56

Lab Sample ID: 320-30423-2

Matrix: Water

Date Received: 08/04/17 09:40

| Method: 537 (modified) - Pa Analyte | | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|----------------|------------|---------------------------|------|--------------|---|----------------|--------------------------------|--------------------------|
| terfisoro".opra co la tid (62°).¢ | . 87 | | 1.6 | 0.64 | ng/L | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| ler augregotheren, auch (PSG-1) | ** ± | 影 | 1.6 | 0.60 | ng/L | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| Confusionation as a ref (PSA) | | | 1.6 | 0.52 | n g/L | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| sotope Dilution | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 3C4-PFHpA | 86 | | 25 - 150 | | | | 08/07/17 14 29 | 08/10/17 05:47 | 1 |
| 3C4 PFOA | 90 | | 25 - 150 | | | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| 3C5 PFNA | 78 | | 25 - 150 | | | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| 13C3-PFBS | 84 | | 25 - 150 | | | | 08/07/17 14:29 | 08/10/17 05:47 | 1 |
| Midhod 537 (* 1) file ** Pi | officermateu F | lydrocert. | ma - FE | | | | A | | |
| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
| e ricorodistance (bude at ទទទួក | ÷ 4 | | 1.6 | 0.75 | n g/L | | | 08/15/17 13:57 | 1 |
| Performant value (1951 v.) PREASS | 4 to 1 | | 1.6 | 0.71 | ng/L | | 08/10/17 15:32 | 08/15/17 13:57 | 1 |
| | | | 1.6 | 1.0 | ng/L | | 08/10/17 15:32 | 08/15/17 13:57 | 1 |
| Psidepone de la compatition della compatition de | 2.1 | | | | | | | | |
| PS (Buona de la Caracta) 19708) | | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| es ก็ยอดัง กรมิธิ) Isotope Dilution | %Recovery | Qualifier | Limits 25 - 150 | | | | • | Analyzed 08/15/17 13 57 | Dil Fac |
| Psiffuona e in the fatte | %Recovery | Qualifier | _ | | | | 08/10/17 15 32 | • | Dil Fac 1 1 |

TestAmerica Sacramento

Isotope Dilution Summary

Client: ATC Group Services LLC

TestAmerica Job ID: 320-30423-1

Project/Site: VTANG Belter Farm

Method: 537 (modified) - Perfluorinated Hydrocarbons

Matrix: Water

Percent Isotope Dilution Recovery (Acceptance Limits)

| | | 3C4-PFHp | 3C4 PFO | 3C5 PFN/ | 3C3-PFB | |
|--------------------|--------------------|----------|----------|----------|----------|--|
| Lab Sample ID | Client Sample ID | (25-150) | (25-150) | (25-150) | (25-150) | |
| 320-30423-1 | Belter Tap | 77 | 67 | 36 | 95 | |
| 320-30423-2 | DUP | 86 | 90 | 78 | 84 | |
| LCS 320-178144/2-A | Lab Control Sample | 108 | 106 | 98 | 91 | |
| MB 320-178144/1-A | Method Blank | 119 | 115 | 115 | 103 | |

7

Surrogate Legend

13C4-PFHpA = 13C4-PFHpA 13C4 PFOA = 13C4 PFOA 13C5 PFNA = 13C5 PFNA 13C3-PFBS = 13C3-PFBS

Method: 537 (modified) - Perfluorinated Hydrocarbons

Matrix: Water Prep Type, Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits) PFO: 3C3-PFB!

| | | 3O2 PFHx | 3C4 PFO! | 3C3-PFB |
|--------------------|--------------------|----------|----------|----------|
| Lab Sample ID | Client Sample ID | (25-150) | (25-150) | (25-150) |
| 320-30423-1 - RE | Belter Tap | 88 | 88 | 78 |
| 320-30423-2 - RE | DUP | 97 | 104 | 91 |
| LCS 320-178850/2-A | Lab Control Sample | 106 | 108 | 93 |
| MB 320-178850/1-A | Method Blank | 98 | 102 | 87 |

Surrogate Legend

1802 PFHxS = 1802 PFHxS 13C4 PFOS = 13C4 PFOS 13C3-PFBS = 13C3-PFBS

TestAmerica Sacramento

Project/Site: VTANG Belter Farm

Method: 537 (modified) - Perfluorinated Hydrocarbons

| 101-50 | mple. | €. | ME | 320 | 173 | 144 1 | -A |
|--------|-------|----|----|-----|-----|-------|----|
| thoras | Wate | i' | | | | | |

Arranysis Barche 178742

Cilent Sample 10. Medicul Blank Free Type: Tural NA Prep Babil 1781/11

| mi cigara ad contra | MB | MB | | | | | | | |
|---------------------------------|--------|-----------|-----|------|------|---|----------------|----------------|---------|
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| Perfluoroheptanoic acid (PFHpA) | ND | | 2.0 | 0.80 | ng/L | | 08/07/17 14:29 | 08/10/17 03:22 | 1 |
| Perfluorooctanoic acid (PFOA) | 1.55 | J | 2.0 | 0.75 | ng/L | | 08/07/17 14:29 | 08/10/17 03:22 | 1 |
| Perfluorononanoic acid (PFNA) | ND | | 2.0 | 0.65 | ng/L | | 08/07/17 14:29 | 08/10/17 03:22 | 1 |
| () | MD | MR · | | | | | | | |

| | 1110 1110 | | | | |
|------------------|---------------------|---------------------|----------------|----------------|---------|
| Isotope Dilution | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 13C4-PFHpA | 119 | 25 ₋ 150 | 08/07/17 14.29 | 08/10/17 03.22 | 1 |
| 13C4 PFOA | 115 | 25 - 150 | 08/07/17 14 29 | 08/10/17 03:22 | 1 |
| 13C5 PFNA | 115 | 25 - 150 | 08/07/17 14:29 | 08/10/17 03:22 | 1 |
| , | 103 | 25 - 150 | 08/07/17 14:29 | 08/10/17 03 22 | 1 |
| 13C3-PFBS | 703 | 20-700 | | | |

Lab Sample 10 1.08 300 178144 2-A

Matrix: Water

Amalysis Batch 178742

Chent Sample ID: Lab Control Sample Prep Type Total/NA Prep Batcl. 178144

| Artistysts bacon from 2 | Spike | LCS | LCS | | | | %Rec. |
|---------------------------------|-------|--------|-----------|------|---|------|----------|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits |
| Perfluoroheptanoic acid (PFHpA) | 40.0 | 43.7 | | ng/L | | 109 | 63 - 135 |
| Perfluorooctanoic acid (PFOA) | 40.0 | 38.4 | | ng/L | | 96 | 63 - 141 |
| Perfluorononanoic acid (PFNA) | 40.0 | 41.0 | | ng/L | | 103 | 71 - 140 |

LCS LCS

| Isotope Dilution | %Recovery | Qualifier | Limits |
|------------------|-----------|-----------|----------|
| 13C4-PFHpA | 108 | | 25 - 150 |
| 13C4 PFOA | 106 | | 25 - 150 |
| 13C5 PFNA | 98 | | 25 - 150 |
| 13C3-PFBS | 91 | | 25 - 150 |

Lab Samply ID MB 32: 178859 1-A

Matrix: Water

Analysis Bater 17953a

Client Sample 10 Method Blank Frep Typs, Total/NA Prep Batch 178850

| And the first of district Control of the William of the | MB MB | | | | | | | |
|---|------------------|-----|---------|------|------|------------|----------------|---------|
| Analyte | Result Qualifier | RL | MDL U | Jnit | D P | repared | Analyzed | Dil Fac |
| Perfluorobutanesulfonic acid (PFBS) | ND | 2.0 | 0.92 ng | ng/L | 08/1 | 0/17 15:32 | 08/15/17 11:18 | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | ND | 2.0 | 0.87 n | ng/L | 08/1 | 0/17 15:32 | 08/15/17 11:18 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | ND | 2.0 | 1.3 n | ng/L | 08/1 | 0/17 15:32 | 08/15/17 11:18 | 1 |
| , | MB MB | | | | | | | |

| | 1110 1110 | | | | |
|------------------|---------------------|---------------------|----------------|----------------|---------|
| Isotope Dilution | %Recovery Qualifier | Limits | Prepared | Analyzed | Dil Fac |
| 1802 PFHxS | 98 | 25 ₋ 150 | 08/10/17 15.32 | 08/15/17 11:18 | 1 |
| 13C4 PFOS | 102 | 25 - 150 | 08/10/17 15 32 | 08/15/17 11:18 | 1 |
| 13C3-PFBS | 87 | 25 - 150 | 08/10/17 15:32 | 08/15/17 11 18 | 1 |
| | | | | | |

unts Sample 10 1068 31 17885012-A

Dank Water

ANAMAR BISING 129521

| 1 , 1 \$ 4.07 0 | 117. | Lab Chart: 1 | Sampic - |
|-----------------|------|--------------|----------|
| | | Frep Type T | otal/NA |
| | | Prop Satch | 178550 |

| | Spike | LCS L | LCS | | | | %Rec. | |
|-------------------------------------|-------|----------|-----------|------|---|------|----------|--|
| Analyte | Added | Result (| Qualifier | Unit | D | %Rec | Limits | |
| Perfluorobutanesulfonic acid | 35.4 | 39.3 | | ng/L | | 111 | 55 - 147 | |
| (PFBS) Perfluorohexanesulfonic acid | 36.4 | 40.8 | | ng/L | | 112 | 58 - 138 | |
| (PFHxS) | | | | | | | | |

TestAmerica Sacramento

Spike

Added

25 - 150

LCS LCS

Result Qualifier Unit

Client: ATC Group Services LLC

Project/Site: VTANG Belter Farm

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID 1 CS 326-178350-2-A

Matrix, Water

Analyte

13C3-PFBS

Analysis Batch 179533

Client Sample ID Lab Control Sample Prep Type, Total/NA Prep Batch 178350

110 47 - 162

| | | %Rec. | |
|---|------|--------|--|
| D | %Rec | Limits | |

| Analyte | | | 0= 4 | 40.7 | n ~ /I |
|------------------------------|-------------|----------|----------|------|--------|
| Perfluorooctanesulfonic acid | | | 37.1 | 40.7 | ng/L |
| (PFOS) | | | | | |
| (, | LCS LC | cs | | | |
| Isotope Dilution | %Recovery Q | ualifier | Limits | | |
| 1802 PFH×S | 106 | | 25 - 150 | | |
| 13C4 PFOS | 108 | | 25 - 150 | | |

93

QC Association Summary

TestAmerica Job ID: 320-30423-1

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

LOMS

Price Batter 178 to 1

LCS 320-178850/2-A

| , | | | | | Decay Datah |
|---------------------|--------------------|-----------|--------|----------------|----------------|
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 320-30423-1 | Belter ⊤ap | Total/NA | Water | 3535 | |
| 320-30423-2 | DUP | Total/NA | Water | 3535 | |
| MB 320-178144/1-A | Method Blank | Total/NA | Water | 3535 | |
| LCS 320-178144/2-A | Lab Control Sample | Total/NA | Water | 3535 | |
| Amplysis Botch 1780 | 742 | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 320-30423-1 | Belter Tap | Total/NA | Water | 537 (modified) | 178144 |
| 320-30423-2 | DUP | Total/NA | Water | 537 (modified) | 178144 |
| MB 320-178144/1-A | Method Blank | Total/NA | Water | 537 (modified) | 178144 |
| LCS 320-178144/2-A | Lab Control Sample | Total/NA | Water | 537 (modified) | 178144 |
| Prop Batch 178160 | | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 320-30423-1 - RE | Belter Tap | Total/NA | Water | 3 535 | |
| 320-30423-2 - RE | DUP | Total/NA | Water | 353 5 | |
| MB 320-178850/1-A | Method Blank | Total/NA | Water | 3535 | |
| LCS 320-178850/2-A | Lab Control Sample | Total/NA | Water | 3535 | |
| Analysis Batch 1/9 | 508 | | | | |
| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
| 320-30423-1 - RE | Belter Tap | Total/NA | Water | 537 (modified) | 178850 |
| 320-30423-2 - RE | DUP | Total/NA | Water | 537 (modified) | 178 850 |
| MB 320-178850/1-A | Method Blank | Total/NA | Water | 537 (modified) | 178850 |
| MD 250-11002011-4 | | | 14/-1 | E27 (modified) | 178850 |

Total/NA

Lab Control Sample

178850

537 (modified)

Water

Lab Chronicle

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm TestAmerica Job ID: 320-30423-1

Lab Sample ID: 320-30423-1

Matrix, Water

Client Sample ID: Belter Tap Date Collected: 03 03/17 09.55 Dats Received, 08/04/17 09 40

| | Batch | Batch | _ | Dil | Initial | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------------------|---------------------|------------------------|----------|--------|--------------------|-----------------|------------------|----------------------------------|---------|--------------------|
| Prep Type Total/NA | Type Prep | Method 3535 | Run | Factor | Amount 290.6 mL | 0.50 mL | 178144 | 08/07/17 14:29 | • | TAL SAC |
| Total/NA Total/NA | Analysis | 537 (modified) | | 1 | | | 178742 | 08/10/17 05:40 | CBW | TAL SAC |
| Total/NA Total/NA | Prep Analysis | 3535 537 (modified) | RE RE | 1 | 312.4 mL | 0.50 mL | 178850 179538 | 08/10/17 15:32 08/15/17 13:50 | | TAL SAC TAL SAC |

Lab Sample ID: 320-30423-2

Matrix: Water

Client Sample ID: DUP Date Collected: 08/03/17 09:56 Date Received: 08/04/17 09:40

| | Batch | Batch | | Dil | Initial | Final | Batch | Prepared | | |
|----------------------|----------|----------------|-----|--------|----------|---------|--------|----------------|---------|---------|
| Duran Trans | Type | Method | Run | Factor | Amount | Amount | Number | or Analyzed | Analyst | Lab |
| Prep Type | Prep | 3535 | | | 312.3 mL | 0.50 mL | 178144 | 08/07/17 14:29 | JER | TAL SAC |
| Total/NA Total/NA | Analysis | 537 (modified) | | 1 | - | | 178742 | 08/10/17 05:47 | CBW | TAL SAC |
| Total/NA | Prep | 3535 | RE | | 307.8 mL | 0.50 mL | 178850 | 08/10/17 15:32 | TWL | TAL SAC |
| Total/NA | Analysis | 537 (modified) | RE | 1 | | | 179538 | 08/15/17 13:57 | JRB | TAL SAC |

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

TestAmerica Job ID: 320-30423-1

Laboratory: TestAmerica Sacramento

| | D | EPA Region | Identification Number | Expiration Date |
|--------------------|-----------------------------|------------|-----------------------|-----------------|
| Authority | Program | 10 | UST-055 | 12-18-17 |
| Alaska (UST) | State Program | 9 | AZ0708 | 08-11-17 * |
| Arizona | State Program | 6 | 88-0691 | 06-17-18 |
| Arkansas DEQ | State Program | 9 | 2897 | 01-31-18 |
| California | State Program State Program | 8 | CA00044 | 08-31-17 * |
| Colorado | - 0 | 1 | PH-0691 | 06-30-19 |
| Connecticut | State Program | 4 | E87570 | 06-30-18 |
| Florida | NELAP | 4 | N/A | 01-29-18 |
| Georgia | State Program | 9 | N/A | 01-29-18 |
| Hawaii | State Program | | 200060 | 03-17-18 |
| Illinois | NELAP | 5 | E-10375 | 10-31-17 |
| Kansas | NELAP | 7 | | 01-20-18 |
| L-A-B | DoD ELAP | | L2468 | 06-30-18 |
| Louisiana | NELAP | 6 | 30612 | 04-18-18 |
| Maine | State Program | 1 | CA0004 | - |
| Michigan | State Program | 5 | 9947 | 01-31-18 |
| Nevada | State Program | 9 | CA00044 | 07-31-18 |
| New Hampshire | NELAP | 1 | 2997 | 04-18-18 |
| New Jersey | NELAP | 2 | CA005 | 06-30-18 |
| New York | NELAP | 2 | 11666 | 04-01-18 |
| Oregon | NELAP | 10 | 4040 | 01-28-18 |
| Pennsylvania | NELAP | 3 | 68-01272 | 03-31-18 |
| Texas | NELAP | 6 | T104704399 | 05-31-18 |
| US Fish & Wildlife | Federal | | LE148388-0 | 07-31-18 |
| USDA | Federal | | P330-11-00436 | 12-30-17 |
| USEPA UCMR | Federal | 1 | CA00044 | 11-06-18 |
| Utah | NELAP | 8 | CA00044 | 02-28-18 |
| Virginia | NELAP | 3 | 460278 | 03-14-18 |
| Washington | State Program | 10 | C581 | 05-05-18 |
| West Virginia (DW) | State Program | 3 | 9930C | 12-31-17 |
| Wyoming | State Program | 8 | 8TMS-L | 01-29-17 * |
| • | | | | |

^{*} Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm TestAmerica Job ID: 320-30423-1

Laboratory Protocol **Method Description** Method TAL SAC EPA Perfluorinated Hydrocarbons 537 (modified)

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: ATC Group Services LLC Project/Site: VTANG Belter Farm

TestAmerica Job ID: 320-30423-1

| | Olis et Commis ID | Matrix | Collected | Received |
|---------------|---------------------|--------|----------------|----------------|
| Lab Sample ID | Client Sample ID | Water | 08/03/17 09:56 | 08/04/17 09:40 |
| 320-30423-1 | Belter T a p | Water | 08/03/17 09:56 | 08/04/17 09:40 |
| 320-30423-2 | DUP | vvatci | 00,00,,, | |



TestAmerica

Chain of Custody Record

Phone (916) 373-5600 Fax (916) 372-1059

West Sacramento - CA 95605

880 Riverside Parkway

TestAmerica Sacramento

F Na. Ods O Na. S503 9 F F S503 1 15F Bode ampoint U Acetore Deare had Reld Special Instructions/Note. HISCH. blank analysis Months NC Te V MCAS W pH43 Critish, Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
| Return To Client | Auchive For Month reservation Codes СОЛ № 320-16725-3903-1 E NUCACO
F NAHSOA
F MOORE
G ANGRER
H ACCORD ANG بامد Page 1 of 1 BEWARE FESTA つてダ Total Number of containers 8/3/17 SAIN Paster Ince 7.0 Analysis Requested 320-30423 Chain of Custody COCINT THE POPULITIES *C 4741 Offer Remarks Special Instructions/QC Requirements HE ALEBANA ul kelimann@testamencainc com Perse ares by Lac PV Kellmann Jill E Mai (ON 10 ESY) CENNEM miche Company TABUR Figid Filtered Sample (Yes or No) Type (house Cacomp (Cacomp, cacomp) (Gagrab) | millions acomp Water Water Matrix (none Preservation Code Water £ 100. \$ (30) 08-25653 Radiological Sample ৬ 1,0.51 <u>अ</u>डर 8.3, (7 0956 8 Sample Time standard Unknown Due Date Requested Sample Date 83117 035117 98670028 # (35/20) 756648 WO # MARCIE, Poison 6 Personal Property of the Personal Property of Skin irritant Hanes 11. Jl IV Other (specify Custody Seal No BACM Possible Harard Identification Magaza -Empty Kit Relinquished by O Custody Seals Intact Jeinerable Requested Select Information

Selection Methods

Option Group Services LLC Street Suite 3 Nov. Hazard 9/5/2012 15 of 16

Login Sample Receipt Checklist

Client: ATC Group Services LLC

Job Number: 320-30423-1

Login Number: 30423 List Source: TestAmerica Sacramento

List Number: 1

Creator: Nelson, Kym D

| Creator, Neison, Kym D | | |
|--|-------------|---------|
| Question | Answer - | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | True | |
| The cooler's custody seal, if present, is intact. | True | 075597 |
| Sample custody seals, if present, are intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | False | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | N/A | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked | N/A | |
| | | |